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Slattery et al.

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July 30, 1999

For

METHODS AND APPARATUS FOR

COMPUTER BASED TRAINING

RELATING TO DEVICES

SUBMISSION OF CORRECTED FORMAL DRAWINGS

U.S. Patent and Trademark Office

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Dear Sir:

Enclosed for filing in the subject application are thirty-four (34) sheets of corrected formal drawings.

Respectfully submitted,

Date: December 3, 2007

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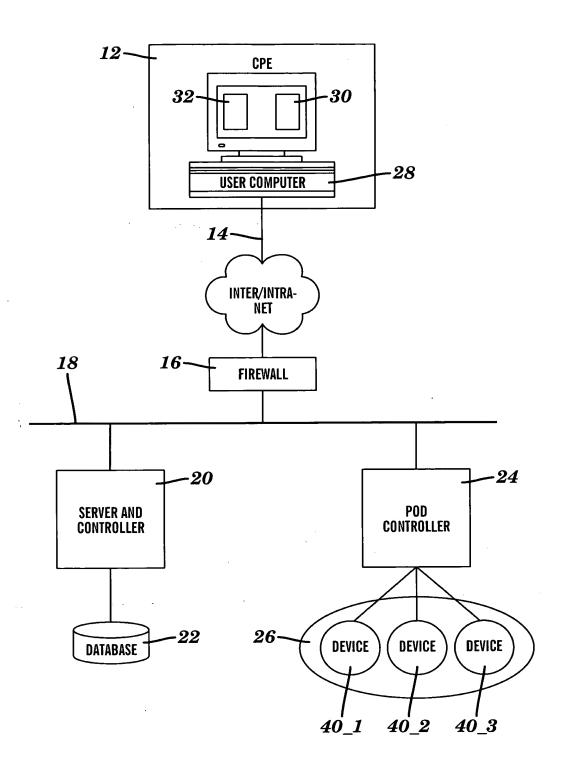
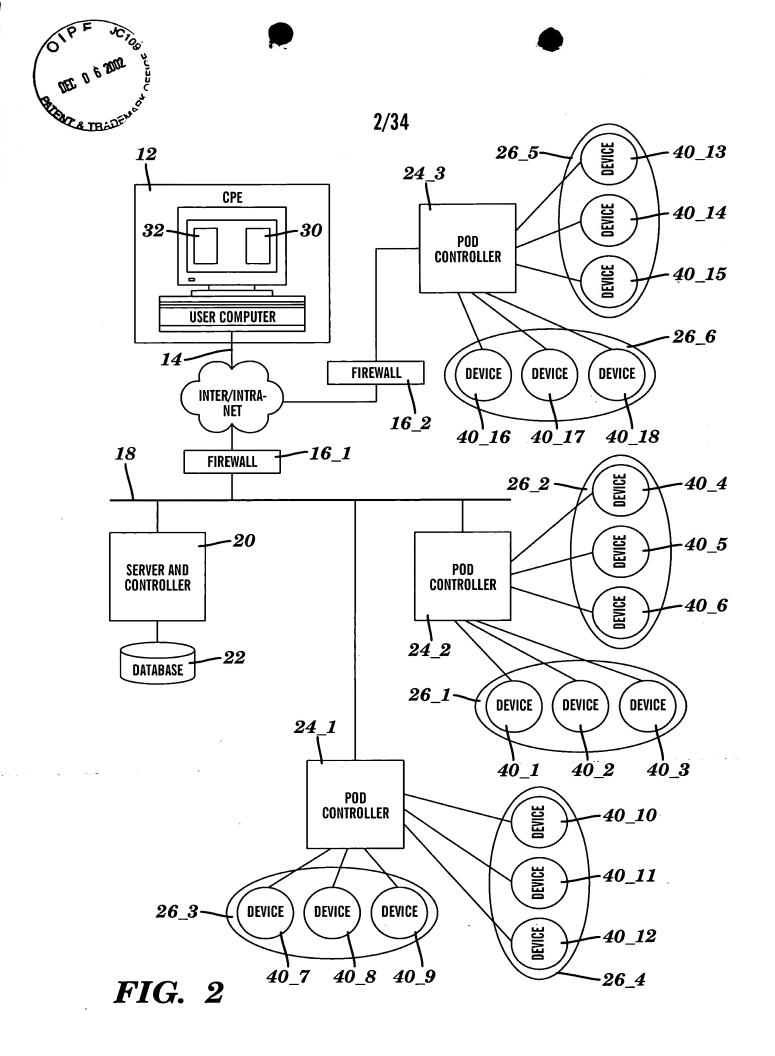


FIG. 1





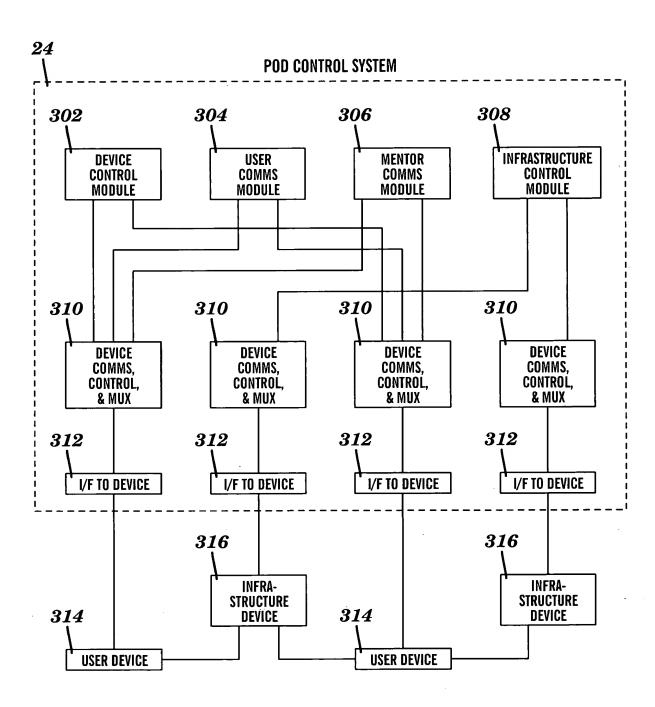


FIG. 3



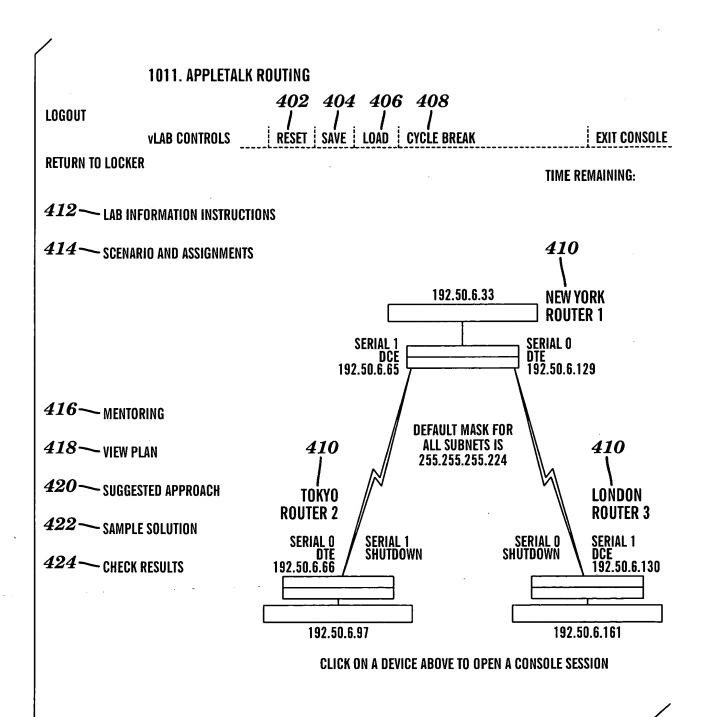


FIG. 4



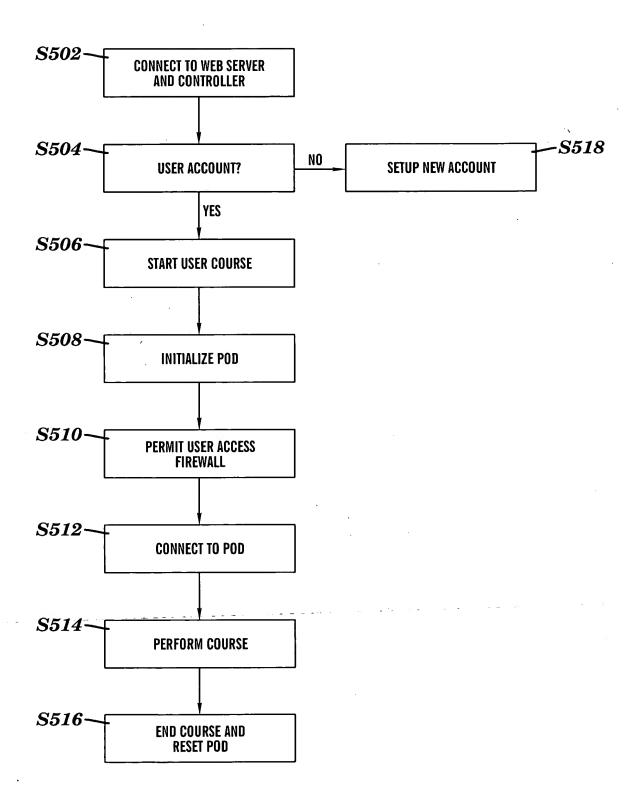


FIG. 5



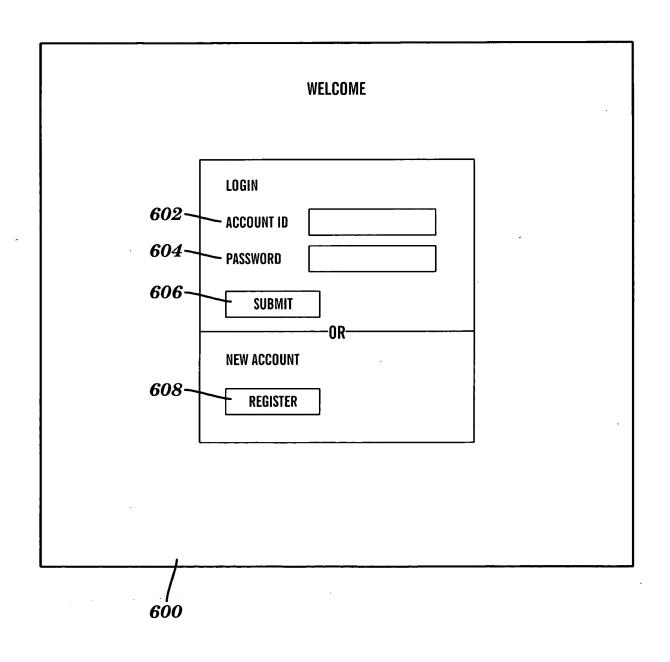


FIG. 6



| 702 | -1. NAME Last Name | LAST NAME | M.I. |
|-----|------------------------|-----------|------|
| 704 | -2. ADDRESS Company | | |
| | STREET | | |
| | CITY | | |
| | STATE | | |
| 706 | -3. USER NAME | | |
| 708 | -4. PASSWORD | | |

FIG. 7

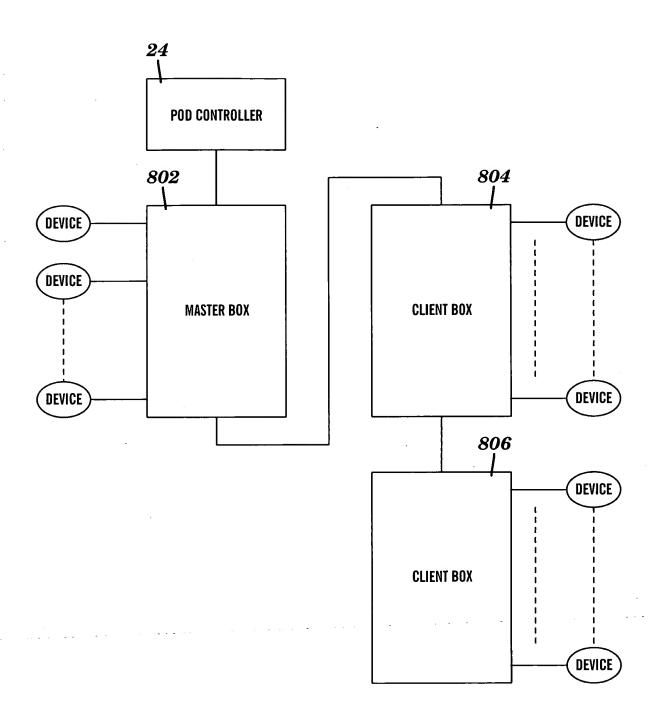


FIG. 8



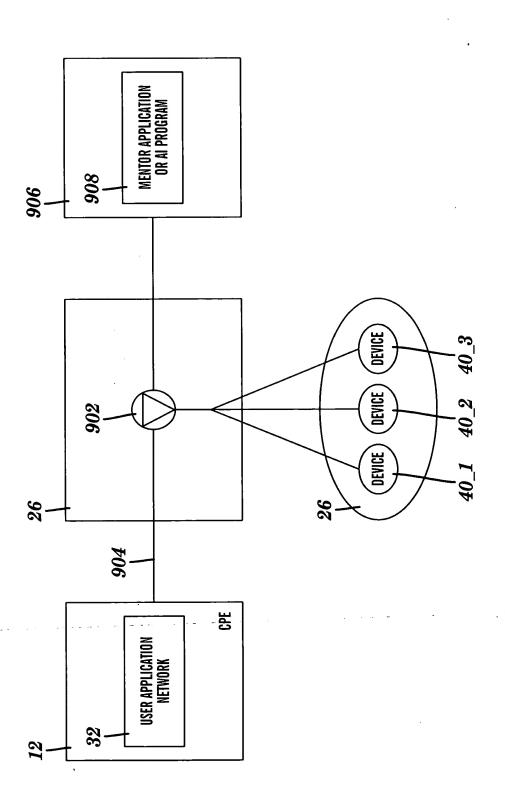
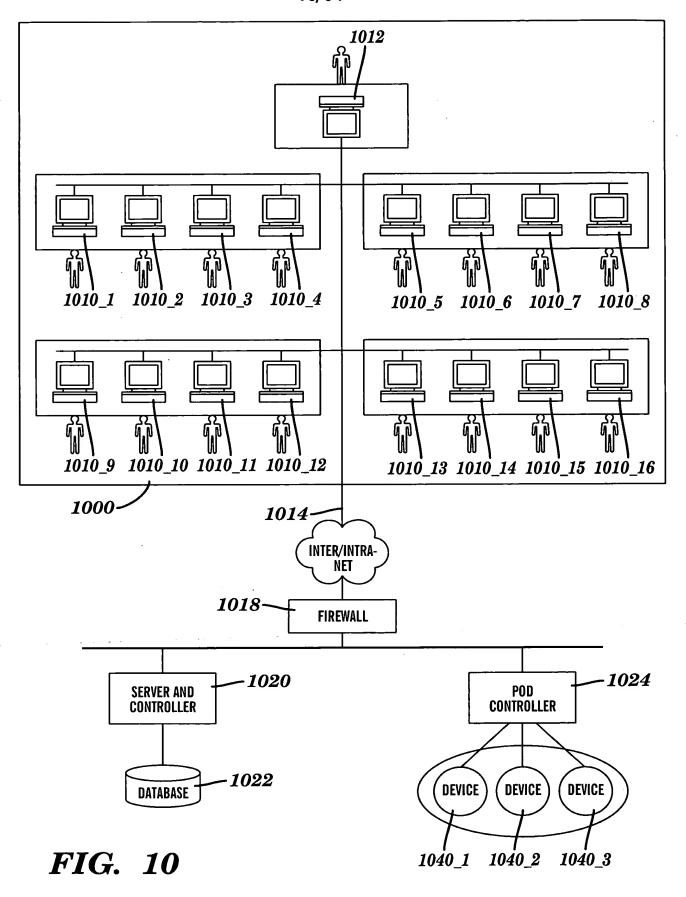


FIG. 9

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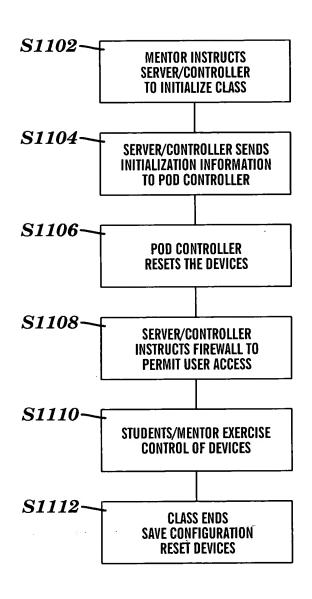
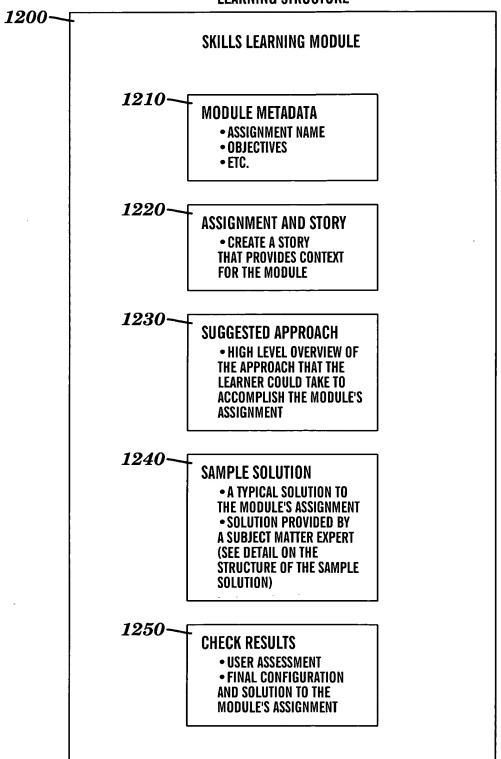


FIG. 11



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LEARNING STRUCTURE



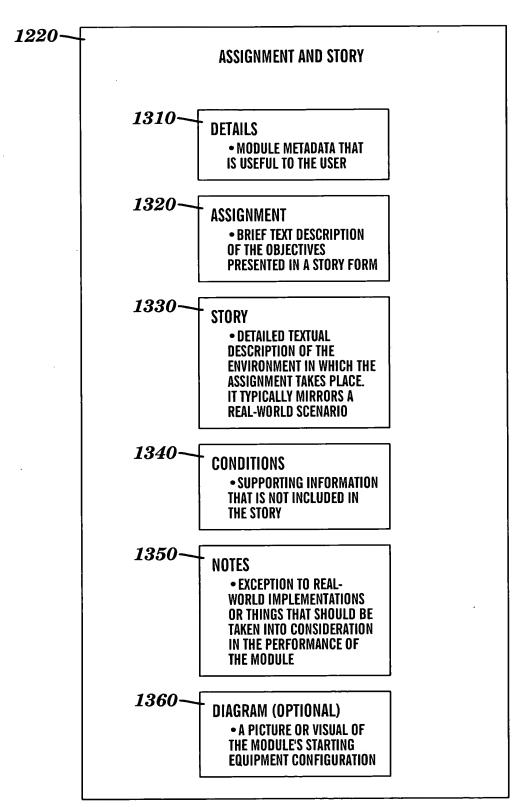


FIG. 13



scenario | Lab Highlights | Story | Conditions | Diagram

1011. Appletalk Routing

Details --- 1410

vLab Title

1011. Appletalk Routing

Technology

Network Layer

Level of Difficulty

Basic

Time Required

57 mins CCNA

Certification
Desired Learner

Experience designing and

Outcomes

implementing Appletalk in a network.

Desired Network

Appletalk routing is operational on the

Outcomes

network.

Top

Assignment —___ 1420

Design an Appletalk numbering plan and enable Appletalk routing

Top

Story — 1430

Your network manager has told you that your network will soon have to carry Appletalk traffic. In order for this to happen you must plan an Appletalk numbering scheme and assign Appletalk zone names for each of the segments in your network. You will also enable Appletalk routing on all of the active interfaces on your routers. Once Appletalk is enabled on the routers and configured on the interfaces, you should verify that Appletalk is functioning properly.

Top

Conditions — 1440

IP routing is already up and running on this network. DO NOT CHANGE ANY OF THE IP ROUTING CONFIGURATIONS.

Your Apple administrator has given you the following range of Appletalk network numbers, 2000-2999. You may use any number within that range to assign a unique Appletalk network number to each segment in the network. All of the serial links should be configured in the 'cereal zone'. You should make up unique zone names for each of the Ethernet interfaces.

Top

Notes — 1450

The serial links between routers are implemented via direct connections in this lab and do not actually connect through any leased line services for the serial links. Here is the existing IP network. Use this as a starting point to plan your Appletalk Network.

FIG. 14A

Top



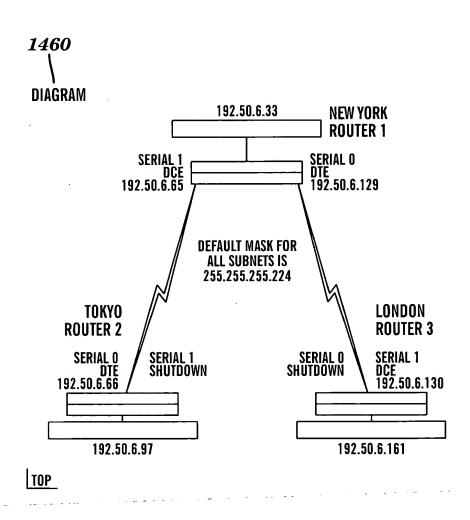


FIG. 14B



Suggested Approach 1011. Appletalk Routing

Figure out the Appletalk numbering plan. Assign a unique Appletalk cable range to each network segment. Note the Appletalk zone names on each network. Enable Appletalk routing on the routers, then configure the appropriate Appletalk cable range on each active router interface. Once that is done verify proper Appletalk operation using show commands.

FIG. 15

. .__

.



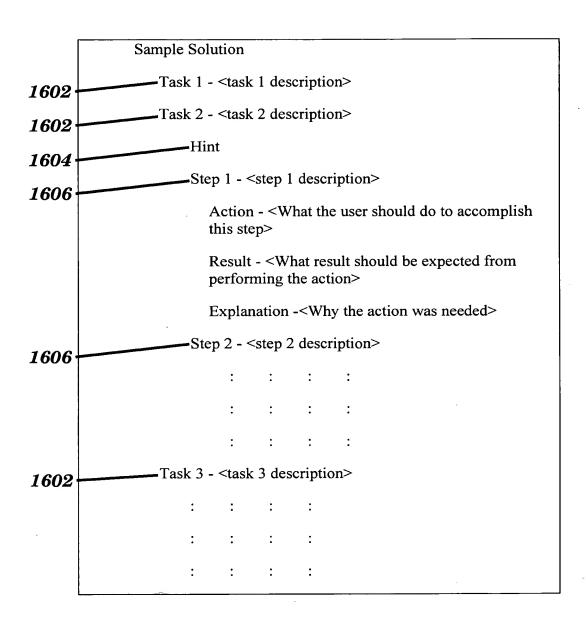


FIG. 16

FIG. 17A

Plan Appletalk addressing——1602

HINT —— 1604 —— 1606

Assign on paper a unique Appletalk network number to each network segment.

Action:

Choose a cable range from the addresses that were given to you by the

Appletalk administrator (2000-2999) for each network segment.

Result:

Each 'wire' in the network should get a different Appletalk cable

range.

Explanation:

Sample Solution

Appletalk routing requires that every segment (or wire) in the network have a unique cable range in order for the Appletalk protocol to identify each part (link) of the network. A cable range is a contiguous range of network numbers that is assigned to a network segment. An example of a cable range would be 2300-2310. This assigns the range of network numbers from 2300 to 2310 to the network segment. Once

you have a completed diagram, note the interfaces that each link

connects to.

Assign on paper Appletalk zone names to each network segment, and assign all of the serial links in the 'cereal zone'. ——1606

Action:

You need to think up three additional unique zone names for each of

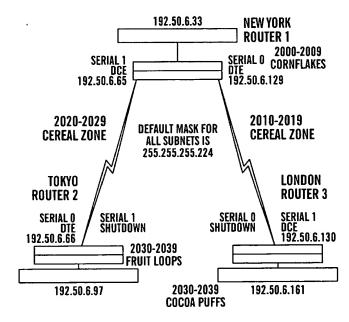
the Ethernet segments.

Result:

An Appletalk zone can cover more than one network segment. Each network segment must be in at least one Appletalk zone. Zones are alpha numeric names, spaces are legal characters. Router ports that connect to the same network segment must be configured identically. The sample diagram shows one possible way of assigning Appletalk

Explanation:

The sample diagram shows one possible way of assigning Appletalk cable ranges and zone names to the various links in the network.





Enable Appletalk Routing on each router.—1602

_1604 HINT-

Start the Appletalk routing processes on the New York router. — 1606

Action:

appletalk routing

Result:

NewYork>en NewYork#conf t

Enter configuration commands, one per line. End with CNTL/Z.

NewYork (config)#appletalk routing

NewYork (config)#^Z

NewYork#

%SYS-5-CONFIG I: Configured from console by console

Explanation:

The Appletalk routing process is not on by default. You must tell the router that you want it to route Appletalk packets. The "Appletalk routing" command also starts the Appletalk RTMP routing protocol

running.

Start the Appletalk routing processes on the Tokyo router.

Action:

appletalk routing

Result:

Tokyo>en Tokyo#conf t

Enter configuration commands, one per line. End with CNTL/Z.

Tokyo(config)#appletalk routing

Tokyo(config)#^Z

Tokyo#

%SYS-5-CONFIG I: Configured from console by console

Explanation:

The Appletalk routing process is not on by default. You must tell the router that you want it to route Appletalk packets. The "Appletalk routing" command also starts the Appletalk RTMP routing protocol

running.

Start the Appletalk routing processes on the London router."

Action:

appletalk routing

Result:

London>en London#conf t

Enter configuration commands, one per line. End with CNTL/Z.

London (config) #appletalk routing

London (config) #^Z

London#

%SYS-5-CONFIG I: Configured from console by console

Explanation:

The Appletalk routing process is not on by default. You must tell the router that you want it to route Appletalk packets. The "Appletalk

routing" command also starts the Appletalk RTMP routing protocol

running.

FIG. 17B

1606

-1606

Configure the proper Appletalk network number on each interface (Ethernet 0, Serial 0, and/or Serial 1) for the New York router using the diagram you made earlier.

Action:

appletalk cable-range <cable range>

appletalk zone <zone name>

Result:

New York#

%SYS-5-CONFIG I: Configured from console by console

configure terminal

Enter configuration commands, one per line. End with CNTL/Z.

NewYork (config)#interface serial 0

NewYork (config-if) #appletalk cable-range 2010-1019 NewYork (config-if) #appletalk zone cereal zone

NewYork (config-if) #interface serial 1

NewYork (config-if) #appletalk cable-range 2020-2029

NewYork (config-if) #appletalk zone cereal zone

NewYork (config-if) #interface ethernet 0

NewYork (config-if) #appletalk cable-range 2000-2009

NewYork (config-if) #appletalk zone cornflakes

NewYork (config-if) #^Z

NewYork#

%SYS-5-CONFIG_I: Configured from console by console

Explanation:

A unique Appletalk cable range must be assigned to each interface

routing packets for the Appletalk protocol.

Configure the proper Appletalk network number on each Interface (Ethernet 0, Serial 0, and/or Serial 1) for the Tokyo router using the diagram you made earlier.

Action:

appletalk cable-range <cable range>

appletalk zone <zone name>

Result:

Tokyo#conf t

Enter configuration commands, one per line. End with CNTL/Z

Tokyo (config) #int e 0

Tokyo (config-if) #appletalk cable-range 2030-2039

Tokyo (config-if) #appletalk zone fruit loops

Tokyo (config-if) #int s 0

Tokyo (config-if) #appletalk cable-range 2020-2029

Tokyo (config-if) #appletalk zone cereal zone

Tokyo (config-if) #^Z

Tokyo#

%SYS-5-CONFIG I: Configured from console by console

Explanation:

A unique Appletalk cable range must be assigned to each interface

routing packets for the Appletalk protocol.

FIG. 17C



FIG. 17D

Configure the proper Appletalk network number on each interface (Ethernet 0, Serial 0, and/or Serial 1) for the London router using the diagram you made earlier.

1606

Action:

appletalk cable-range <cable range>

appletalk zone <zone name>

Result:

London#conf t

Enter configuration commands, one per line. End with CNTL/Z

London (config) #int e 0

London (config-if) #appletalk cable-range 2040-2049

London (config-if) #appletalk zone cocoa puffs

London (config-if) #int s 1

London (config-if) #appletalk cable-range 2010-2019

London (config-if) #appletalk zone cereal zone

London (config-if) #^Z

London#

%SYS-5-CONFIG I: Configured from console by console

Explanation:

A unique Appletalk cable range must be assigned to each interface

routing packets for the Appletalk protocol.

Verify Proper Operation of Appletalk Routing —— 1602

HINT —— 1604

Use a brief version of a show command to see that the Appletalk protocol is properly configured and running on the New York router. ———1606

Action:

show appletalk interface brief

Result:

| NewYork#show appletalk interface brief | | | | |
|--|--|--|--|------------------------------------|
| Interface | Address | Config | Status/Line Protocol | Atalk |
| | | | | Protocol |
| BRI0 | unassigned | not config'd | administratively down | n/a |
| BRI0:1 | unassigned | not config'd | administratively down | n/a |
| BRI0:2 | unassigned | not config'd | administratively down | n/a |
| Ethernet0 | 2002.14 | Extended | up | up |
| Serial0 | 2010.174 | Extended | up | up |
| Serial1 | 2025.55 | Extended | up | up |
| Serial2 | unassigned | not config'd | administratively down | n/a |
| Serial3 | unassigned | not config'd | administratively down | n/a |
| BRI0:2 Ethernet0 Serial0 Serial1 Serial2 | unassigned 2002.14 2010.174 2025.55 unassigned | not config'd Extended Extended Extended not config'd | administratively down up up up administratively down | n/a up up up up n/a |

Explanation:

The three interfaces you configured (E0, S0 and S1) on router 1 (NewYork) all show that they are 'up'. This means that they are properly configured and operational. This is a good quick check to see if the Appletalk protocol is running. If one of the interfaces that you have configured is 'down', check to be sure that the interface at the other end of the link has the same Appletalk cable range configured on it. The number after the cable-range number is the host number. The host number is dynamically assigned and will probably be different in your display.



| Action: Result: | show appletalk interface brief Tokyo#sh appletalk interface brief | | | | | | |
|--------------------|---|------------|--------------|-----------------------|----------|--|--|
| | Interface | Address | Config | Status/Line Protocol | Atalk | | |
| | | | | | Protocol | | |
| | BRI0 | unassigned | not config'd | administratively down | n/a | | |
| | BRI0:1 | unassigned | not config'd | administratively down | n/a | | |
| | BRI0:2 | unassigned | not config'd | administratively down | n/a | | |
| | Ethernet0 | 2038.37 | Extended | up | up | | |
| | Serial0 | 2022.76 | Extended | up | up | | |
| | Serial1 | unassigned | not config'd | administratively down | n/a | | |
| | Serial2 | unassigned | not config'd | administratively down | n/a | | |
| | Serial3 | unassigned | not config'd | administratively down | n/a | | |

Explanation:

The two interfaces you configured (E0 and S0) on router 2 (Tokyo) all show that they are 'up'. This means that they are properly configured and operational. This is a good quick check to see if the Appletalk protocol is running. If one of the interfaces that you have configured is 'down', check to be sure that the interface at the other end of the link has the same Appletalk cable range configured on it. The number after the cable-range number is the host number. The host number is dynamically assigned and will probably be different in your display.

Use a brief version of a show command to see that the Appletalk protocol is properly configured and running on the London router. 1606

| Action: Result: | show appletalk interface brief London#show appletalk interface brief | | | | | | |
|--------------------|--|------------|--------------|-----------------------|-------------------|--|--|
| 1100010 | Interface | Address | Config | Status/Line Protocol | Atalk Protocol | | |
| | BRI0 | unassigned | not config'd | administratively down | n/a | | |
| | BRI0:1 | unassigned | not config'd | administratively down | n/a | | |
| | BRI0:2 | unassigned | not config'd | administratively down | n/a | | |
| | Ethernet0 | 2045.215 | Extended | up | up | | |
| | Serial0 | unassigned | not config'd | administratively down | n/a | | |
| | Serial1 | 2013.235 | Extended | up | up | | |
| | Serial2 | unassigned | not config'd | administratively down | n/a | | |
| | Serial3 | unassigned | not config'd | administratively down | n/a | | |

Explanation:

The two interfaces you configured (E0 and S1) on router 3 (London) all show that they are 'up'. This means that they are properly configured and operational. This is a good quick check to see if the Appletalk protocol is running. If one of the interfaces that you have configured is 'down', check to be sure that the interface at the other end of the link has the same Appletalk cable range configured on it. The number after the cable-range number is the host number. The host number is dynamically assigned and will probably be different in your display.

FIG. 17E



Use a show Appletalk command to view all of the Appletalk parameters of a particular interface. 1606

Action:

show Appletalk interface

Result:

NewYork#show appletalk interface serial 0

Serial0 is up, line protocol is up

AppleTalk cable range is 2010-2019 AppleTalk address is 2010.174, Valid AppleTalk zone is "cereal zone"

AppleTalk port configuration verified by 2013.235

AppleTalk address gleaning is not supported by hardware

AppleTalk route cache is enabled

Explanation:

The important thing to note here is that the interface show 'up' and line protocol is 'up'. This means the interface is communicating with the network it is connected to. You can also see the Appletalk address of this interface on the fourth line of the example. You can also see that the configuration of this port has been verified by the router at the other end of the link.

Use the 'show Appletalk route' command to look at the Appletalk routing table. 1606

Action:

show appletalk route

Result:

NewYork#show appletalk route

Codes: R-RTMP derived, E-EIGRP derived, C-connected, A-AURP

S-static

P - Proxy

5 routes in internet

The first zone listed for each entry is its default (primary) zone. C Net 2000-2009 directly connected, Ethernet0, zone cornflakes C Net 2010-2019 directly connected, Serial0, zone cereal zone C Net 2020-2029 directly connected, Serial1, zone cereal zone R Net 2030-2039 [1/G] via 2022.76, 2 sec, Serial1, zone fruit loops R Net 2040-2049 [1/G] via 2013.235, 0 sec, Serial0, zone cocoa puffs New York#

Explanation:

After the routing updates propagate (roughly 90 seconds), each router should have five Appletalk routes in its routing table. If they do not, make sure that the routers are properly configured.

FIG. 17F



Check Results

```
Router 1
hostname Washington
enable password cisco
Interface Ethernet0
ip address 10.28.0.1 255.255.0.0
no keepalive
no shutdown
interface Serial0
ip address 10.33.0.2 255.255.0.0
ip mroute-cache
no shutdown
interface Serial1
ip address 10.29.0.1 255.255.0.0
clockrate 56000
no shutdown
interface Serial2
no ip address
shutdown
interface Serial3
no ip address
shutdown
interface BRI0
no ip address
shutdown
router rip
network 10.0.0.0
no ip classless
banner motd%
```

IP RIP Foundation Lab Router1

Version: 1.0

Date: July 10, 1998

```
Passe Passe
```

```
Passwords:
User - cisco
Enable - cisco
line con 0
password cisco
login
line aux 0
line vty 04
password cisco
login
end
Router 2
hostname Minot
enable password sanfran
interface Ethernet0
ip address 10.30.0.1 255.255.0.0
no keepalive
no shutdown
interface Serial0
ip address 10.29.0.2 255.255.0.0
lp mroute-cache
no shutdown
interface Serial1
ip address 10.31.0.1 255.255.0.0
clockrate 56000
no shutdown
interface Serial2
no ip address
shutdown
interface Serial3
no ip address
shutdown
interface BRI0
no ip address
shutdown
```

router rip

```
OIP F JCJOS
```

```
network 10.0.0.0!

ip classless!!

banner motd %

IP RIP Foundation Lab Router2

Version: 1.0

Date: July 10, 1998

Passwords:
User – cisco
Enable – sanfran!

line con 0
```

User – cisco
Enable – sanfrar
!
line con 0
password cisco
login
line aux 0
line vty 0 4
password cisco
login
!
end

Router 3

```
! hostname Leesville
! enable password sanfran
! ! interface Ethernet0
ip address 10.32.0.1 255.255.0.0
no keepalive
no shutdown
! interface Serial0
ip address 10.31.0.2 256.255.0.0
ip mroute-cache
no shutdown
! Interface Serial1
ip address 10.33.0.1 255.255.0.0
clockrate 56000
no shutdown
!
```

```
RE O 6 200 MENTER OF THE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFIC
```

```
interface Serial2
no ip address
shutdown
!
interface Serial3
no ip address
shutdown
!
interface BRI0
no ip address
shutdown
!
router rip
network 10.0.0.0
!
ip classless
!
!
banner motd %
```

IP RIP Foundation Lab Router3

Version: 1.0

Date: July 10, 1998

```
Passwords:
User – cisco
Enable – sanfran
!
line con 0
password cisco
login
line aux 0
line vty 0 4
password cisco
login
!
end
```



Check Results

show ip interface brief

Check your configuration to confirm the network is operating per the Story and Conditions. (Use appropriate show, debug, and ping commands to verify network operations).

HINT

Action:

Verify that the physical links in the network are running.

| Results: | HUB#sh ip int brief | | | | | | |
|----------|--------------------------|--|-------------------|-------------------------|--|------|----------------------|
| | Interface | IP-Address | OK? | Method | Status | | Protocol |
| | BRI0 BRI0:1 BRI0:2 | unassigned unassigned unassigned | YES YES YES | unset unset unset | administratively administratively administratively | down | down down down |
| | Etharnato | 102 168 2 120 | VEC | manual | 110 | | 1117 |

YES manual Ethernet0 192.168.2.129 up up Serial0 172.18.1.33 YES manual up up 192.168.2.66 Serial1 YES manual up up administratively down down Serial2 unassigned YES unset YES administratively down down Serial3 unassigned unset

Explanation:

The configured interfaces should all have **up** for Status and **up** for Protocol. If not, use other **show** commands to determine . . .

Confirm the routing table on Branch_1 supports the Story and Conditions.

Action: show ip route

Result: Branch 1#show ip route

Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP

D – EIGRP, EX – EIGRP external, O – OSPF, IA – OSPF inter area N1 – OSPF NSSA external type 1, N2 – OSPF NSSA external type 2 E1 – OSPF external type 1, E2 – OSPF external type 2, E – EGP

i – IS-IS, L1 – IS-IS level-1, L2 – IS-IS level-2, * – candidate default

U – per-user static route, o – ODR

Gateway of last resort is 192.168.2.66 to network 172.18.0.0

| I* | 172.18.0.0/16 [100/82125] via 192.168.2.66, 00:00:11, Serial0 |
|----|---|
| | 192.168.2.0/28 is subnetted, 3 subnets |
| C | 192.168.2.64 is directly connected, Serial0 |
| C | 192.168.2.192 is directly connected, Ethernet0 |
| I | 192.168.2.128 [100/80225] via 192.168.2.66, 00:00:12, Serial0 |

Branch 1#

Explanation: Except for the time since last routing update, your routing table on Branch_1 should match the Results above. Do your metrics well?

Note that the Gateway of last resort and the candidate default route must both appear.



Confirm the routing table on the ISP supports the Story and Conditions.

Action: show ip route Result: ISP#sh ip ro

Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP

D – EIGRP, EX – EIGRP external, O – OSPF, IA – OSPF inter area N1 – OSPF NSSA external type 1, N2 – OSPF NSSA external type 2

E1 – OSPF external type 1, E2 - OSPF external type 2, E - EGP

i – IS-IS, L1 – IS-IS level-1, L2 – IS-IS level-2, * – candidate default

U – per-user static route, o – ODR

Gateway of last resort is not set

172.18.0.0/30 is subnetted, 1 subnets
C 172.18.1.32 is directly connected, Serial1
10.0.0.0/24 is subnetted, 1 subnets
C 10.1.3.0 is directly connected, Ethernet0
S 192.168.2.0/24 [1/0] via 173.18.1.33
ISP#

Explanation: The ISP should have three subnets listed.

Confirm the routing table on the Hub supports the Story and Conditions.

Action: show ip route

Result: {There are two main possible results, depending on how the default route was

configured}

Hub#sh ip ro

Codes:

C – connected, S – static, I – IGRP, R – RIP, M – mobile, B – BGP D – EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area N1 – OSPF NSSA external type 1, N2 – OSPF NSSA external type 2 E1 – OSPF external type 1, E2 – OSPF external type 2, E – EGP i – IS-IS, L1 – IS-IS level-1, L2 – IS-IS level-2, * – candidate default U – per-user static route, o – ODR

Gateway of last resort is 172.18.1.34 to network 0.0.0.0

* 172.18.0.0/30 is subnetted, 1 subnets
C 172.18.1.32 is directly connected, Serial0
192.168.2.0/28 is subnetted, 3 subnets
C 192.168.2.64 is directly connected, Serial1
I 192.168.2.192 [100/80225] via 192.168.2.65, 00:00:13, Serial1
C 192.168.2.128 is directly connected, Ethernet0
S* 0.0.0.0/0 [1/0] via 172.18.1.34
Hub#

. . . or . . .



FIG. 19C

Hub#sh ip ro

Codes:

C – connected, S – static, I – IGRP, R – RIP, M – mobile, B – BGP D – EIGRP, EX – EIGRP external, O - OSPF, IA – OSPF inter area N1 – OSPF NSSA external type 1, N2 – OSPF NSSA external type 2 E1 – OSPF external type 1, E2 – OSPF external type 2, E – EGP i – IS-IS, L1 – IS-IS level-1, L2 – IS-IS level-2, * – candidate default

U – per-user static route, o – ODR

Gateway of last resort is 0.0.0.0 to network 0.0.0.0

* 172.18.0.0/30 is subnetted, 1 subnets
 C 172.18.1.32 is directly connected, Serial0
 192.168.2.0/28 is subnetted, 3 subnets
 C 192.168.2.64 is directly connected, Serial1
 I 192.168.2.192 [100/80225] via 192.168.2.65, 00:00:19, Serial1
 C 192.168.2.128 is directly connected, Ethernet0
 S* 0.0.0.0/0 is directly connected, Serial0

Hub#

Explanation:

Both options for configuring a default route will support the network.

Note: Do your metrics match as well?

Verify that the network is operating as described in the Story and Conditions.

Action: ping *ip-address*

Result: Branch 1#ping 10.1.3.1

Type escape sequence to abort.

Sending 5, 100-byte ICMP Echos to 10.1.3.1, timeout is 2 seconds:

!!!!!

Success rate is 100 percent (5/5), round-trip min/avg/max = 32/34/36 ms

Branch 1#

ISP#ping

Protocol [ip]:

Target IP address: 192.168.2.129

Repeat count [5]:
Datagram size [100]:
Timeout in seconds [2]:
Extended commands [n]: y

Source address or interface: 10.1.3.1

Type of service [0]:

Set DF bit in IP header? [no]: Validate reply data? [no]: Data pattern [0xABCD]:

Loose, Strict, Record, Timestamp, Verbose [none]:



Sweep range of sizes [n]:

Type escape sequence to abort.

Sending 5, 100-byte ICMP Echos to 192.168.2.129, timeout is 2 seconds:

!!!!!!

Success rate is 100 percent (5/5), round-trip min/avg/max = 16/17/20 ms

ISP#ping

Protocol [ip]:

Target IP address: 192.168.2.193

Repeat count [5]: Datagram size [100]: Timeout in seconds [2]: Extended commands [n]: y

Source address or interface: 10.1.3.1

Type of service [0]:

Set DF bit in IP header? [no]: Validate reply data? [no]: Data pattern [0xABCD]:

Loose, Strict, Record, Timestamp, Verbose [none]:

Sweep range of sizes [n]:

Type escape sequence to abort.

Sending 5, 100-byte ICMP Echos to 192.168.2.193, timeout is 2 seconds:

!!!!!

Success rate is 100 percent (5/5), round-trip min/avg/max = 32/33/36 ms

ISP#

Explan ation:

Your ping tests from Branch_1 to the subnet 10.1.3.0 should be successful. Extending ping tests from the ISP's Ethernet to the Ethernet and Branch_1's Ethernet should also be successful.

Verify that the routing updates have been minimized as described in the Story and Conditions.

Action:

debug ip packet

Result:

ISP#debug ip packet

IP packet debugging is on

ISP#

ISP#no debug ip packet IP packet debugging is off

ISP#

Explanation:

The debugging information should be quiet after several minutes. If so, you can

turn off IP packet debugging, and know that IG routing packets are not being sent

to the ISP.



1002. Connectivity Between Routers vLab Archive

▼ Archive History

Archive Date

Date Lab Started: 1999-Jul-15 16:06:40.864802

Date Lab Completed: 1999-Jul-15 16:09:49.268665

Date Lab Archived: 1999-Jul-15 16:10:23.670189

Lab Information

2002 ----- Plan

2004 —— Debrief

2006 —— Saved Configs

FIG. 20



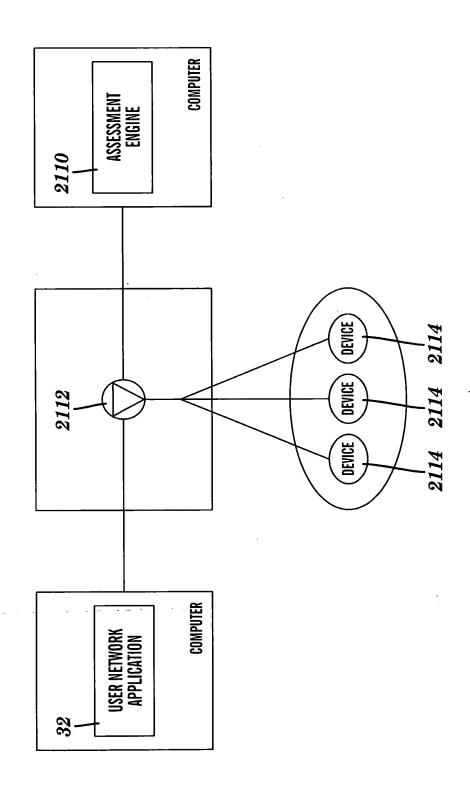


FIG. 21

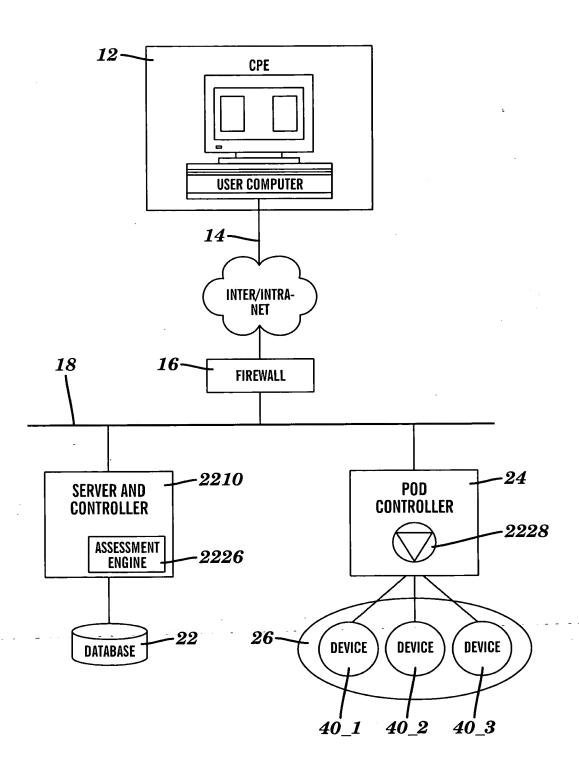


FIG. 22